



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090550

Mode: Highway

Status: Submitted

(New Route - Stratford-Ebert Street Connector)

From/Cross Street: Ebert Road

Specific Improvement Type: 5 - Construct Roadway on New Location

To: Kimwell Drive

Project Category: Division Needs

Length: 1.66

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$17,151,000

Description:

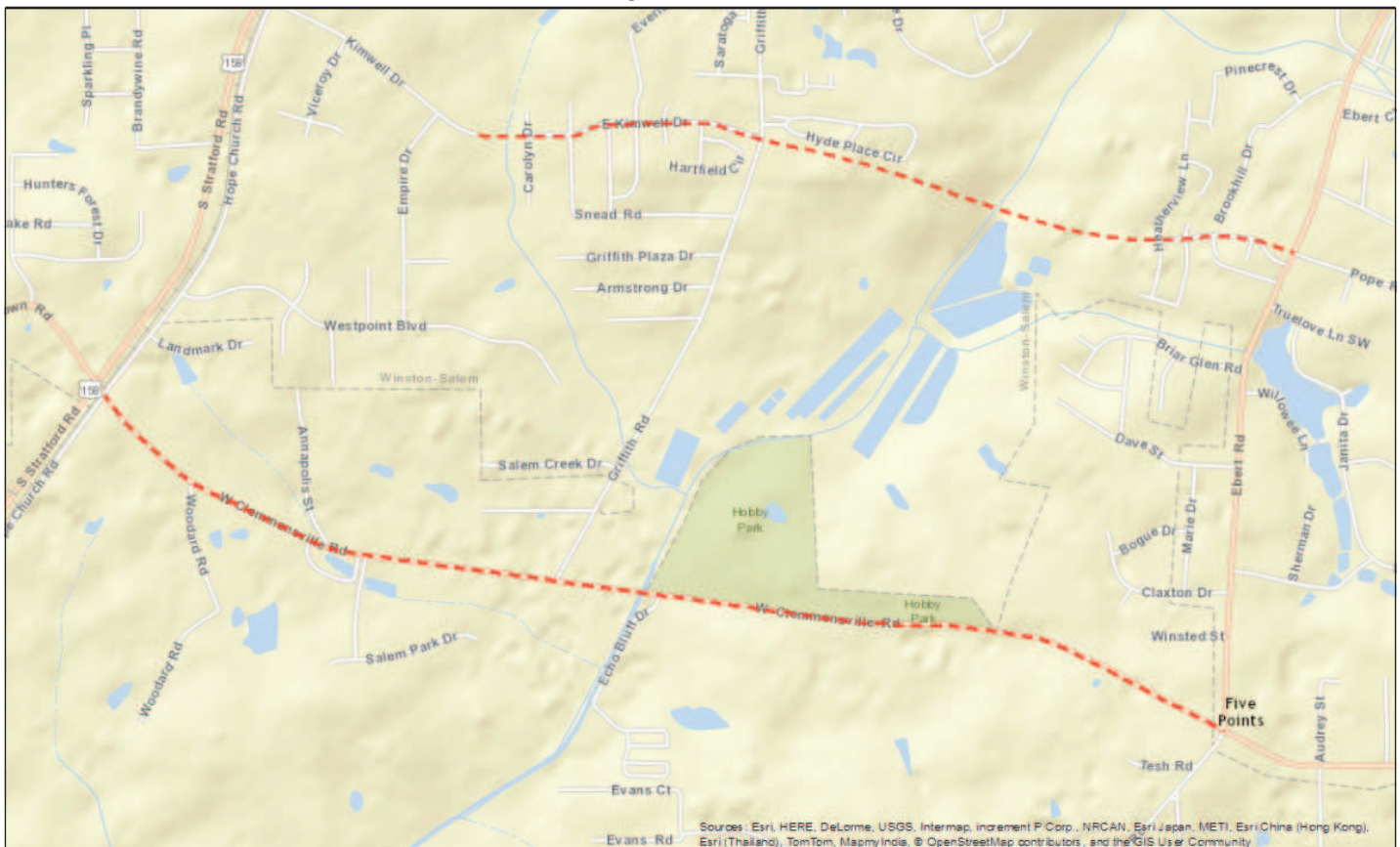
Stratford-Ebert Street Connector - New 3-Lane Road from Ebert Road to the End of Kimwell Drive.

Division(s): Division 9

County(s): FORSYTH

MPOS(s)/RPO(s): Winston Salem Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 38.6

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 37.16 Safety (10%) 56.34 [Travel Time] Benefit/Cost (20%) 2.68 Totals: Weight: 50% Weighted Score: 13.6	Percent: 25% Points: 0	Percent: 25% Points: 100

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	46
Length (miles):	2.38
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	8853.13
Capacity:	15800.1
Volume/Capacity Ratio:	0.56
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	85.82
Crash Severity:	44.26
Critical Crash Rate:	38.96
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	16
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	94
Actual Congested Speed:	40
Travel Time Index:	1.15

Project Benefits

Project Cross-Section:	3B - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, and Sidewalks
Speed Limit:	45
Length (miles):	1.66
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2091322.52
Travel Time Savings for 30 Years (Autos):	2091322.52
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 9

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 9	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Winston Salem Urban Area MPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$13,680,000	TIP Unit
Right-of-Way Cost:	\$3,099,000	Cost Estimation Tool
Utilities Cost:	\$372,000	Cost Estimation Tool
Total Project Cost:	\$17,151,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$17,151,000	